

MAR 03 2005**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

Application No. : 09/915,032 Confirmation No. 8090
Applicant : Donald R. Sidwell
Filed : July 26, 2001
Title : FLEXIBLE WALL MATERIAL FOR USE
IN AN INFLATABLE STRUCTURE
TC/A.U. : 1771
Examiner : Ula C. Ruddock
Docket No. : SW-00777
Customer No. : 29694

STATEMENT ESTABLISHING UNINTENTIONAL DELAY**VIA FACSIMILE (703) 872-9306**

Mail Stop Petition
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

March 3, 2005

Sir:

Neither the Applicant nor the undersigned have any record of receiving the Notice of Allowance and Issue Fee Due communication from the U.S. Patent and Trademark Office. Attached is Applicant's Invention Data form showing receipt of the September 4, 2003 Final Office Action, but no record of receipt of the Notice of Allowance and Issue Fee Due form.

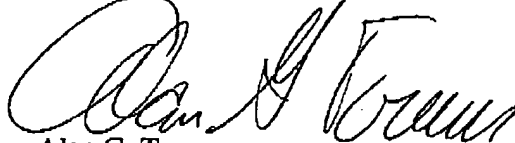
Applicant's failure to timely pay the issue fee was inadvertent because Applicant was not aware that a Notice of Allowance and Issue Fee Due had been issued by the Patent Office, nor was Applicant aware of the due date for paying the issue and publication fees.

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On February 14, 2005, the undersigned received by facsimile from the Examiner the Notice of Allowability and Notice of Allowance and Issue Fee Due for this application. Accompanying this Petition is the completed Part B - Fee(s) Transmittal sheet, including our authorizations to charge the issue and publication fees to our Deposit Account No. 500859.

Respectfully submitted,



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Invention Data

Thursday, January 20, 2005 Page: 1

Case Number: SW-00777

Supporting Co.: LMSW

LOCKHEED MARTIN SKUNK WORKS

Disclosure Status: Filed

Disclosure Date: 26-Jul-2001

Assignee: LMC

LOCKHEED MARTIN CORPORATION

Originating Company: LMSW

LOCKHEED MARTIN SKUNK WORKS

Original Number:

Attorney(s): RAS

Outside Counsel: PIETR

Government Contract:

Title: Flexible Wall Material for Use in a Inflatable Structure-CIP of
09/206,732 12/07/1998

Priority Date: 12-Jul-1998

Country:

Abstract: Invention related to airships with a volume in 15 to 60 million cubic feet of Helium. Relates to improved structural envelope gas bags or outer covers for lighter than air and neutral buoyancy airships. The material is a multi layer cloth assembly including at least 2 plies of fiber cloth said cloth comprising 56 X56 yarns/inch with a total weight of 150-450 g/m2, with the fiber of the individual cloth layers having a denier generally between 180 and 280 and with the fill of the individual plies at 90 degrees to each other. The filaments should be between 200-215 denier. Fibers of each layer of cloth are selected from one group consisting of extended chain polyethylene polymer or thermotropic liquid (melt spun) crystalline polymer. The extended chain polyethylene fiber is a woven modified rip stop weave architecture while the thermotropic liquid, melt spun, crystalline polymer fiber is a 2X2 basket weave architecture.

Remarks: final office action- 9/4/03

Appeal brief filed 4/27/2004- Pistragallo

Market(s):

Materials & Structures

Keyword(s):

Lighter than air

Structural outer cover

Inventors:

Sidwell, Don

Inventor Awards:

Issue | Filing ☒

Country Applications

| Ctry | Sub Case | Status | Application Number | Filing Date | Patent Number | Issue Date |
|------|----------|-----------|--------------------|-------------|---------------|------------|
| US | CIP | Published | 09/915032 | 26-Jul-2001 | | |
| CA | a PCT | Pending | 2,453,255 | 24-Jul-2002 | | |
| EP | a PCT | Pending | 02763333.8 | 24-Jul-2002 | | |
| WO | a ORD | Pending | US02/23472 | 24-Jul-2002 | | |